Cyber Security
& Data Protection

NANGIA & CO LLP

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About Us

Nangia & Co. LLP is a premier professional services firm that has been adding value to the businesses of its expansive clientele for over four decades. Established in 1984, the firm has evolved into a leading tax and strategic advisory firm, serving some of the largest Indian business houses and Fortune 500 multinational companies.

The firm offers a wide range of services, including - Audit and Assurance, Tax & Regulatory, Entry Level Strategy, Transaction advisory/Mergers and Acquisitions, Corporate Finance/ Investment Banking, Government & Public Sector advisory, Digital advisory & Technology transformation s olutions, ESG & Sustainability solutions, Cybersecurity & Data Protection, Forensic Advisory.

The firm is adeptly positioned to meet the evolving needs of clients both domestically and internationally. Our domestic presence is marked by offices located in 8 cities, viz. Noida, New Delhi, Gurugram, Bengaluru, Mumbai, Chennai, Dehradun, and Pune.

 The firm's services are driven by a commitment to quality and responsiveness. We draw our strength from a team of over 1,400 professionals who possess significant functional and industry expertise.

Nangia & Co. LLP takes pride in providing definitive advice with the shortest turnaround times, ensuring that client needs are met efficiently and effectively.

Who we are

Serving clients efficiently since 1984	Serving 2500+ clients from 50 countries	Pan India coverage from 8 cities
1400+ people led by 40+ leaders	360 degree professional support to clients	Consistently rated as leading firm by ITR

Introduction | Cyber Security & Data Protection

Every business, regardless of its size, is a potential target of cyber attacks. This is because every business, along with its vendors, partners, and customers, possesses assets that criminals may seek to exploit. These assets could range from money and financial information to personal information of staff and customers, or even the business' infrastructure.

AI is also transforming our lives, work, and communication. It's a valuable tool for aiding humans and cutting costs in cybersecurity. However, just as organizations utilize AI to enhance their operations, attackers are leveraging AI and machine learning (ML) to make cyber threats highly sophisticated.

Our cybersecurity professionals understand how cyber criminals are increasingly exploiting AI algorithms to launch attacks and steal sensitive information. To safeguard AI systems, we require a comprehensive strategy that addresses these unique challenges. Our experts diligently manage vulnerabilities and implement appropriate measures to ensure the security of organizations.

An organization's approach and intent towards the implementation of cyber/information security are crucial for minimizing risks and achieving business goals. Our objective is to empower organizations to prevent data breaches and reduce the risks of non-compliance, which could result in penalties from regulators. In the event of a breach, our experts are equipped to assist companies in managing the breach and promptly fulfilling their reporting requirements.

With our distinctive business model, values, and approach, combined with our skilled and highly experienced workforce, we provide valuable insights and dependable consultation to customers seeking a trustworthy partner. Our Cyber Security team comprises professionals with a unique combination of technological expertise and business acumen derived from diverse backgrounds and extensive industry experience.

Cyber threats don't always come from anonymous hackers or online criminal groups…..

Vulnerabilities can arise within your own business too.

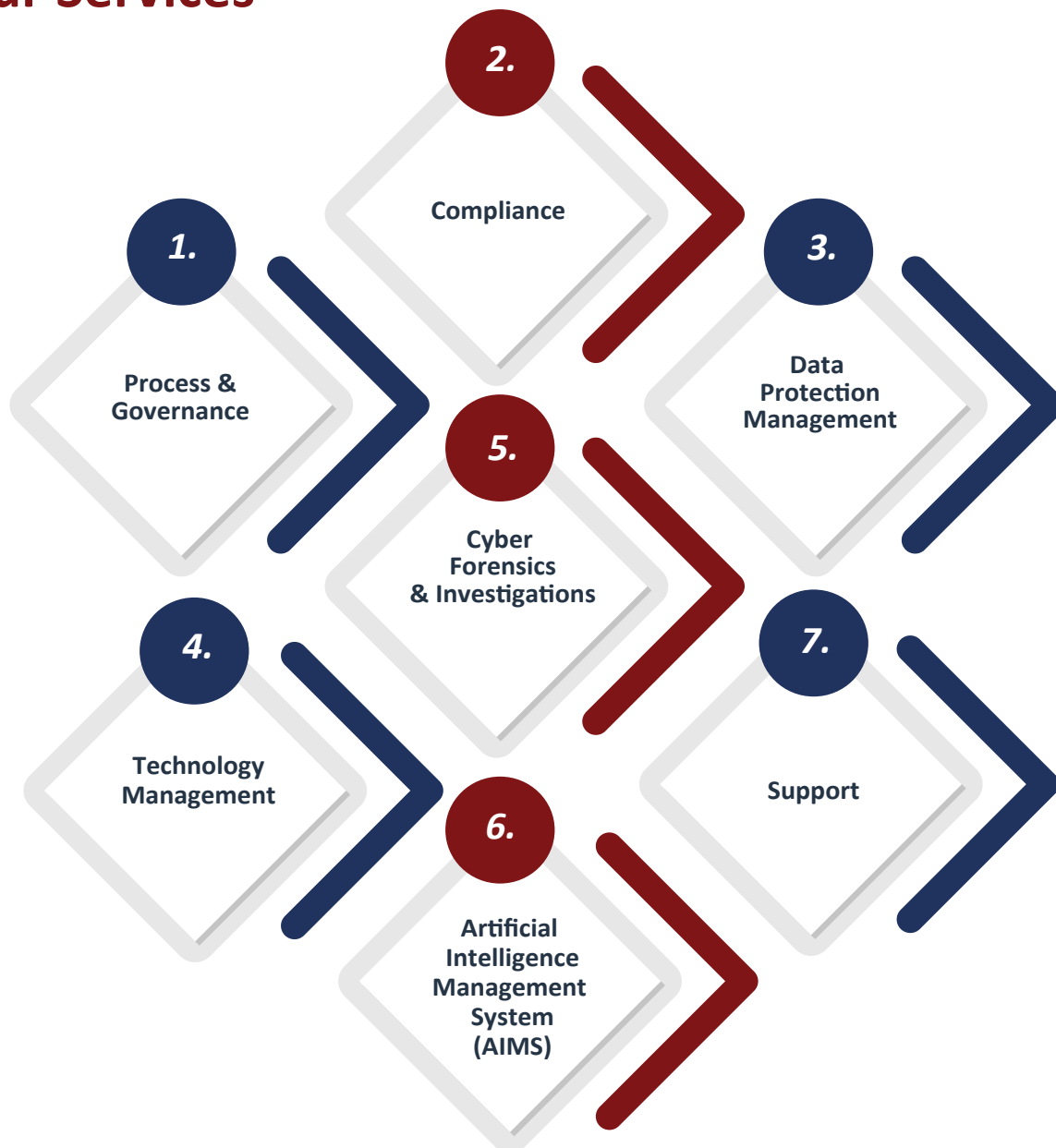" One of the main cyber risks is to think they cyber risk don't exist"

- Shrikrishna Dikshit, Partner, Cyber Security

Our Services

2.

Compliance

1.

Process & Governance

3.

Data Protection Management

5.

Cyber Forensics & Investigations

4.

Technology Management

7.

Support

6.

Artificial Intelligence Management System (AIMS)

Our Services

1. Process & Governance

- One Policy – ISO 27001, ISO 27701, NIST 800 Series, NIST CSF,
- RBI Guidelines, RBI Advisory, COBIT, NESA, GDPR, CCPA, etc.
- ISO 27001 certification assistance
- Cyber maturity assessment
- Information security policy & procedure framework design
- Assessment of COBIT and operating effectiveness
- Business Continuity Management
- Security training and awareness

2. Compliance

- Comprehensive IS for Banks – CBS, Supporting Applications, SWIFT, etc.
- PCI - DSS compliance
- Regulatory compliances like GDPR, CCPA
- Security maturity assessment
- ISAE 3402, SSAE 16 and SSAE 18 assessment
- GRC compliance reviews
- Third party risk management
- Datacenter and DR reviews
- Software compliance reviews
- RBI Compliances for Banks & NBFCs
- SEBI IS Compliances
- IRDA Compliances
- CSV Testing
- Webtrust, PKI, CA Assessments
- AADHAR Assessment

3. Data Protection Management

- Strategic roadmap and program towards entity wide data protection framework
- Privacy impact assessments
- Privacy management systems readiness
- Privacy compliance towards Indian DPDP, GDRP, CCPA and other Global privacy regulations
- Establish policies pertinent to privacy requirements of the organisation and geographies of operation.
- Strategy for privacy in cloud heavy technology driven enterprises.
- Risk based and regime specific data protection solutions.

4. Technology Management

- VAPT & configuration review
- Application security testing
- Security architecture review
- Secure source code review
- Red Team Assessment
- Security solutions
- Emerging technology security (cloud, IOT and social media)
- IT risk strategy & roadmap
- Deployment Reviews
- DevOps Security Architecture
- Threat monitoring & management
- Anti phishing & anti malware monitoring
- Cyber threat intelligence
- Security Operation Center
- Security as a service
- DDOS monitoring
- OT Assessments

5. Cyber Forensics & Investigations

- Imaging, Extraction, Carving & Indexing of data
- Review of Analysis of data
- Cyber forensic investigation and remediation
- Support for arbitration & litigations
- Providing testimony for examined forensic evidence
- Reactive Cyber forensics
- Malware identification & solutioning

6. Artificial Intelligence Management System (AIMS)

- Roadmap towards usage, development, monitoring and providing products that employ AI
- Assurance assessments to demonstrate the products developed perform their roles responsibly, is ethical and transparent.
- 360 degree view of the organisational risks to be managed and opportunities to be leveraged through AI.
- Enabling businesses to drive the value proposition by adopting the benchmark practices towards sustainable AIMS.

7. Support

- ITGC & Access Controls Reviews
- SOX Controls Testing

Solutions

1. Cyber Risk Management Strategy

2. Cyber Risk Assessment & Testing

3. Security Architecture & Transformation

4. Data Protection Services

5. Incident Response

6. Artificial Intelligence Management System (AIMS)

7. Cyber Forensics & Investigations

8. Business Continuity Planning & Disaster Recovery

1. Cyber Risk Management Strategy

- One Policy ISO 27001, ISO 27701, NIST 800
- Series,NIST CSF, RBI Guidelines, RBI Advisory, COBIT, etc.
- ISO 27001 certification assistance
- Cyber maturity assessment
- Information security policy & procedure framework design
- Security training and awareness

2. Cyber Risk Assessment & Testing

- Comprehensive IS for Bank CBS,
- Supporting Application, SWIFT, etc.
- PCI DSS compliance
- Regulatory compliances like GDPR
- Security maturity assessment
- ISAE 3402, SSAE 16 and SSAE 18 assessment
- GRC compliance reviews
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- CSV Testing
- Web trust, PKI, CA Assessments
- AADHAR Assessment
- VAPT & configuration review
- Application security testing
- Security architecture review
- Secure source code review
- Red team assessment

3. Security Architecture & Transformation

- Security solutions
- Emerging technology security (cloud, IOT and social media)
- IT risk strategy & roadmap
- Deployment Reviews
- DevOps security Architecture
- Threat monitoring & managment
- Anti phishing & anti malware monitoring
- Cyber threat intelligence
- Security Operation Center
- Security as a service
- DDOS monitoring
- SCADA/ OT Assessments

4. Data Protection Services

- Co-ordinating and orchestrating the efforts to implement enterprise wide Privacy Management System
- Defining and inculcating the Privacy-by-Design as essential component of any Technological development methodology.
- Record of processing activities, data discovery and data mapping support
- Identifying and understanding the needs of the enterprise for a tailor-made approach to compliance.
- Assist in designing, implementing and operationalising an sustainable and on-going privacy ecosystem.
- Technology enabled mechanisms to respond to Data Principal's requests.

- Technology driven consent management system to collect and manage the consents throughout its lifecycle
- Helping in bringing onboard, a well customised Privacy Management solution for continual improvement.

5. Incident Response

- Review incident response plan
- Develop and test incident response Plan
- Understanding Processes
- Detection and Reporting
- Triage and Analysis
- Containment & Neutralization
- Post Incident
- Solution to automate the incident management

6. Artificial Intelligence Management System (AIMS)

- Supporting and hand-holding the entities to build and operate an integrable Artificial Intelligence Management System.
- Strategically bringing the synergies together to integrate the AIMS with the already operational ISMS.
- Creation of AIMS based policies and procedures and streamlining with the other management systems' documentations.
- Unified and effective organisation wide Risk Management.
- Comprehensive and carefully crafted training programs.
- Specific training and awareness for Leadership of the organisation, such that tone flows in from the top.
- AIMS audits to verify compliance to the ISO 42001 standard.

7. Business Continuity Planning & Disaster Recovery

- Develop and test business continuity and disaster recovery plan
- Business Process Review
- Business Impact Analysis
- Risk Assessment
- Recovery Time Objective
- Assessing business requirements
- Solutions to setup the state of art DC and DR sites
- Project management

8. Cyber Forensics & Investigations

- Rapid response to Incident
- Immediate identification of cause
- Support in implementing remediations
- Security solutions
- Help in preparing response to regulators

Key Differentiators

Blend of strategy, experience, design and technology expertise to support our clients.

Tailored solution for customers with unique business operations

Risk based actionable across cyber seurity spectrum

Trained, qualified & certified professionals with wide exposure across industries & geographies

Our Experts

Srinivasa Rao
Partner

Shrikrishna Dikshit
Partner

Mayank Garg
Director

Pushpendra Bharambe
Director

Rachit Shukla
Director

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